



Peru 23 JUL 2001 09/674277

SEQUENCE LISTING

<110> BIO-RA

<120> Nucleotide sequences for detecting enterohaemorrhagic Escherichia coli

<130> BET 00/0916

<140> US 09/674 277

<141> 1999-04-27

<150> FR 98/05329

<151> 1998-04-28

<160> 8

<170> PatentIn Ver. 2.1

<210> 1

<211> 1489

<212> DNA

<213> Escherichia coli

<400> 1

ctgcagtccg gagatgaaag caccactgtg tgtacccat cagcgtggc cgcaggcca 60
tgattttgt cacagactca atgactaccg gacgactga accttccgt tggcttcca 120
gccagtaag ccagcggtt ccctgctgaa aatgtcgcc aaaacgggg agcatacgaa 180
ggcgggggg actccgtccg gccagtgaac cgtgccacac tccgggcagt acatgccc 240
ggcgctgata ccggcaagaa tggtcgaaa ctcccgctcc gtgcagcggg ctatttcagg 300
atacccttcg tcatcaacac gtacaaacca gaagaccagc ttttgcgtt tgacatccac 360
aaagaaggga atattcaggc ctgcgcagca ctcaacggca tcgtcagttt cggcttgaa 420
ccccttagta tttttgtct gtagtatcta tcccagcaat agtataatcc tggcatca 480
ataaaagtga ctttgtata caacatgcga atttccctta atccggagctt attcgatgaa 540
taaaaaaaac tcttcgtt ctgattctc tggcgcttcc ggggagctt tctaccgctg 600
tagccgctga taaaaaagag actcaaaatt tctactatcc agaaacactg gatttaactc 660
ctctgagatt acacagccct gaatcaaattc cctggggggc tggatgtatcc tatgcccacca 720
gatttcaaca gctggatatg gaggctctga aaaaagatataa caaagatttgc tggacaactt 780
cccaggattt gtcgcctgctg gattatggc attatgtcc tttcttattt cgtatggctt 840
ggcacgggtc cggAACATAC aggacatatg atggccgggg aggcggcagt ggtggcagc 900
aacgtttga accgctgaac agctggccgg ataacgttac tctggataaa gcccgtcgat 960
tgctgtggcc agtcaagaaa aaatacggctt ccagtatttc ctggggagac ctgatggtcc 1020
tgactggtaa tggccctt gaatccatgg gatttaaaac gctgggattt gctggcgaa 1080
gagaagatga ctgggagtcg gacctgttat actggggcc tggacaacaag cctcttcag 1140
ataaccggga taaaaaacggg aaacttcaga aaccttgc cggcacgcag atgggactta 1200
tttatgtcaa tcctgaaggc cccgggtggaa aaccagatcc tctggcttcc gcaaaagata 1260
tcaggaaagc tttttcacgt atggccatgg atgatgagga gactgtggcc ctgatcgcc 1320
gaggcatac atttggtaaa gcacatggc cagcgtctcc tggaaaatgtt attggcgcag 1380
ggcctgatgg tgcacctgtg gaggagcagg gactggatg gaaaataaaa tgggtacag 1440
gaaacggcaa atataccatc accagtggcc tggaaaggagc ctggtcgac 1489

<210> 2

<211> 1181

<212> DNA

<213> Escherichia coli

<400> 2

ctgcaggaga tggaaaaaaa gccaaaataa aaaattgccc atcccagcgc gctccagctg 60
aaagtaggcc tggctgtcc ggtatttaaa tgcattgacc gtcccccgtat taaaacaatg 120
tgataaatta ctccgttacc ggaaaaccgc tgaacaaaat tcgggctgaa aagaggatcc 180
ggcggttatct gttgcatttc cccttagcct gactagccag agacacaatg atctgtgcc 240
ttctgttaat atcaaaccgg tactcaatat cttctctggc gctggctgccc atcatccgga 300
agcgtccgg tcgggataaa aaatcgccca gtgcgcggc ccatgcagac acatccccca 360
cggttaacag cgtccctgtc acattttctt gatgacatc agggatcccg cccgtctcac 420
tggcgataac gggcagccg gagactgacg cttcagccag taccatacca aacgcttcat 480

tttccgaagg catgaccacc acactggcaa tccggtagac cggttaacgct gggaaaagg 540
 cacctccat taacacatct ccgctcattc ccaggttgc tgcgtctgta cgccagacgtg 600
 cttcgatattc ttcacgccccg gcgcccacca cgagccagcg aatgatttc cttccatct 660
 tcagctgata caatacacacgc agcataaaatt catgtccctt ttcgggacgt agcatcccc 720
 cctgaacgat aagcggaaaca ttgtctgctg atgcagccca ggcgtggata tgcagggta 780
 acggtcgcat ggcttcatta tgcaatgcgg gccagtcgaa acccggtgga ataaccgtta 840
 cccgtgtcct gacaccttcc gccatcagat ggcacatcat gggtgagata ggcacaacaa 900
 tgaaatcaca cagataattc aggaaaacg ttctggctt acgggtgatg taggttttt 960
 gtctgacaat agtgaagcgg tgacagcata tcagacggct cagtcctgct atattactgt 1020
 catggccact atggcagatg accagatcag gtttaaattc cccgataatc cgtcgaagtc 1080
 tgaggatgga aggaaggatgaa aggtgttcc tgaaaggaaat aaaagtgaca tcatgccctc 1140
 ttttctggc ttccggagca attttacttt tttctctgca g 1181

<210> 3
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer

<400> 3
 cgagatgaa agcaccactg tg 22

<210> 4
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer

<400> 4
 gggctgtgta atctcagagg ag 22

<210> 5
 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer

<400> 5
 gtccggagat gaaagcacca ctgtg 25

<210> 6
 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer

<400> 6
 tcaggctgt gtaatctcag aggag 25

<210> 7
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 7
ggcgctgata ccggcaagaa tgg

23

<210> 8
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 8
ggtcccgcaag gccatgattt ttg

23

<210> 9
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 9
ccggcaagaa tggtcgcaaa ctcc

24

<210> 10
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 10
aaggggttcc aagccgcaac tgacga

26

<210> 11
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 11
taaggggttc caagccgcaa ctgacg

26

<210> 12
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 12
ctcaacggca tcgtcagttg cggcttgaa c

31

<210> 13
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 13
agcactcaac ggcatcgta gttgcggctt g 31

<210> 14
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 14
ctatttcagg atacccttcg tcatcaacac g 31

<210> 15
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 15
aatttccctt aatccggagc tattcgtatg a 31

<210> 16
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 16
gaagaccagc tttttgttcc 20

<210> 17
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 17
tgtcacagac tcaatgacta 20

<210> 18
<211> 14
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 18

ggcatcgta gttg

14

<210> 19

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 19

cggcatcgta agttgc

16

<210> 20

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 20

acggcatcgta cagttgcg

18

<210> 21

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 21

ccacctgaac gataaggcgaa ac

22

<210> 22

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 22

cacccatccctt ccatcctcag ac

22

<210> 23

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 23

atcccagcgc gctccagctg

20

<210> 24
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 24
acccatgatg gcgcatctga tg

22

<210> 25
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 25
acgttctggc cttacgggtg atgttaggttt t

31

<210> 26
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 26
tagtgaagcg gtgacagcat atcagacggc t

31

<210> 27
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 27
gtgagatagg cacaacaatg a

21